GENERAL®

Anemometer-Thermometer
with Excel-Formatted Data Logging SD Card

Included Accessories:

- Hard carrying case
- Combination air-speed temperature probe
- 2GB SD memory card
- User's manual

Optional Accessories:

- 9VDC adapter for 110V power supply (General P/N AC1)
- Type K thermocouples
  - General P/N TPK500 (-50° to 500°F)
  - General P/N TPK05 (-40° to 562°F)
  - General P/N TPK03 (-40° to 950°F)

No. DAF4207SD

Specifications:

Embedded Microcontroller: Custom one-chip LSI device

Display Type: LCD with green backlight

Display Size: 2.05 x 1.5 in. (52 x 38mm)

Parameters Measured: Air speed, temperature

Measurement Range:
- For air speed: 0.4 to 30m/sec, 1.4 to 126 km/hr, 0.9 to 78.3 mph, 0.8 to 68 knots, 79 to 6890 ft/min
- For temperature: 32° to 122°F (0° to 50°C)

Measurement Accuracy:
- For air speed: ± (2% + 0.2 m/sec), ± (2% + 0.8 km/hr), ± (2% + 0.4 mph), ± (2% + 0.4 knots), ± (2% + 40 ft/min)
- For temperature: ± 1.5oF (± 0.8°C)

Measurement Resolution:
- For air speed: 0.1 m/sec, 0.1 km/hr, 0.1 mph, 0.1 knots, 1.0 ft/min
- For temperature: 0.1°F or C

Data Logging Sampling Time: 1 second to 1 hour

Settable Parameters: Date, time, auto power off, beep sound, sampling time, decimal point or comma decimal division, temperature unit, air speed unit, optional thermocouple type (K or J)

Storable/Recallable Readings: Maximum, minimum

SD Card Capacity: 1GB to 16GB

Operating Temperature: 32° to 122°F (0° to 50°C)

Operating Relative Humidity: 0 to 85%

Power Supply: Six Alkaline "AA" batteries or optional 9-VDC AC adapter

Power Consumption
- 15 mADC (normal operation, with backlight off and SD card not saving data)
- 36 mADC with backlight on and card saving data
- 48mADC with backlight on and card saving data

Dimensions of Instrument: 7.99 x 2.99 x 1.50 in. (203 x 76 x 38mm)

Weight of Instrument: 1.13 lb. (515g)

Diameter of Probe Head: 2.83 in. (72mm)